

KERN CCS 30K0.01.

Counting system to count the smallest parts in large quantities, maximum number of parts which can be displayed is 999,999



Approval

CE mark ✓

Display

Display type LCD
 Display backlight ✓
 Display digit height 20 mm

Construction

Dimensions weighing platform (W×D×H) 400×300×114 mm
 Dimensions completely mounted (W×D×H) 320×330×125 mm
 Material housing plastic
 Material weighing plate stainless steel
 Dimensions weighing surface (W×D) 400×300 mm
 Cable length 1,5 m
 Display device cable length 3 m
 Levelling feet adjustable ✓

Functions

Number of keys for operation 20
 Auto-off interval(s) in battery mode/rechargeable battery mode selectable
 PreTare function ✓
 Tare function manual (multi)
 Counting function ✓
 Tolerance weighing ✓
 Tolerance weighing - type of signal acoustically visual
 Conversion function ✓
 Recipe/summing level Sum A
 PLU - total 100
 Sum memory function ✓
 Memory function ✓
 Underfloor weighing None
 Interfaces RS-232 standard
 IP protection - display IP23
 IP protection - load cell IP65
 IP protection - platform IP65

Counting

Smallest piece weight when piece counting - laboratory conditions 50 mg
 Smallest piece weight when piece counting - normal conditions 500 mg

Category

Brand KERN
 Product category Industrial scale
 Product group Counting system
 Product family CCS

Measuring System

Reference scale - item number CFS 3K-5
 Quantity scale - Item number TKFP 30V20M-A
 Construction type of the scale Multi-range balance
 Weighing system Strain gauge
 Reference scale - Weighing capacity [Max] 3 kg
 Quantity scale - Weighing capacity [Max] 30 kg
 Reference scale - Readability [d] 10 mg
 Quantity scale - Readability [d] 1 g
 Linearity ±
 Reference scale - Linearity 100 mg
 Quantity scale - Linearity 4 g
 Reproducibility 20 mg
 Reference scale - Reproducibility 30 mg
 Quantity scale - Reproducibility 1 g
 Default unit kg
 Units kg
 lb
 Adjustment options Adjusting with external weight
 Recommended adjusting weight 30 kg (M1)
 Stabilization time 2 s
 Eccentric loading at 1/3 [Max] 50 mg
 Reference scale - Eccentric loading at 1/3 [Max] 60 mg
 Quantity scale - Eccentric loading at 1/3 [Max] 5 g
 Loadcell type HBM PW6KRC3

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| | |
|---|--------------------------|
| Counting reference weight can be entered | ✓ |
| Reference quantity | n (any number of pieces) |
| Counting resolution (laboratory conditions) | 600.000 |

Power Supply

| | |
|---|-------------------------------|
| Input voltage power supply / power [Max] | 220 V - 240 V AC, 50 Hz |
| Input voltage device / power [Max] | 12 V, 500 mA |
| Plug-in power supply type | Power adapter |
| Supplied power supply | Power supply unit |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK US CH |
| Plug-in power supply / adapter for countries - optional | EURO AUS UK US CH |

| | |
|---|-------------------------|
| Rechargeable battery optional | Rchrg. battery optional |
| Rechargeable battery charging time | 12 h |
| Rechargeable battery operating time - backlight on | 70 h |
| Rechargeable battery operating time - backlight off | 60 h |

Environmental conditions

| | |
|-------------------------------|--------|
| Humidity of environment [Min] | 0 % |
| Humidity of environment [Max] | 80 % |
| Ambient temperature [Min] | 0 °C |
| Ambient temperature [Max] | 40 °C |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

Packing & Shipping

| | |
|------------------------------|----------------|
| Readability force [d] (N) | 2 d |
| Dimensions packaging (W×D×H) | 940×640×230 mm |
| Net weight | 12,05 kg |
| Shipping method | Parcel service |
| Net weight approx. | 13 kg |
| Gross weight approx. | 16 kg |
| Shipping weight | 27,7 kg |

Services (optional)

| | |
|---|---|
| Article number for adjustment at the location of installation | abhängig von Auflösung/Max depends on resolution and capacity |
| Article number for DAkKS calibration | 962-128-127 |
| Article number for certificate of conformity (verification) | 969-517 |

Pictograms

STANDARD



OPTION

